



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: **Hardin, Susan, et. al.** § ART UNIT NO.: 1633  
SERIAL NO.: **09/901,782** § EXAMINER: **SMITH, C.L.**  
FILED: **07/09/01** § DOCKET NO.: 00007/01UTL  
§  
TITLE: **COMPOSITIONS FOR** §  
**REAL-TIME SEQUENCE** §  
**DETERMINATION** §

EV 405 878 706 US CERTIFICATE OF MAIL BY EXPRESS MAIL October 22, 2004  
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Commissioner for Patent  
MS AMENDMENT  
October 22, 2004  
Robert W. Sauer P.O. Box 1450, Alexandria, VA 22313-1450 Date of Signature

**RESPONSE TO 8 JUNE 2004 FINAL OFFICE ACTION**

Dear Examiner Smith:

This is a response to the **8 June 2004** Final Office Action.

**SUMMARY OF FINAL OFFICE ACTION**

Claim 7	objection - "d"
Claims 20-24 and 45	112, 1¶ - New Matter - "two different sites"
Claim 19	112, 2¶ "mixtures or combinations thereof of the <i>Taq</i> polymerase"
Claims 18, 35-42	112, 2¶ "FRET"
Claim 1-5, 7-9 and 20-23	102(a&b) - Williams and Brandis
6, 10-17 and 43	allowed or allowable